



TROPICAL CYCLONE BULLETIN NO. 3

Tropical Depression ROSAL

Issued at 11:00 PM, 10 December 2022

Valid for broadcast until the next bulletin at 5:00 AM tomorrow

“ROSAL” CONTINUES TO MAINTAIN ITS STRENGTH OVER THE PHILIPPINE SEA EAST OF AURORA

Location of Center (10:00 PM):

The center of Tropical Depression “ROSAL” was estimated based on all available data at **355 km East Northeast of Infanta, Quezon or 290 km East of Casiguran, Aurora (15.8°N, 124.8°E)**

Intensity:

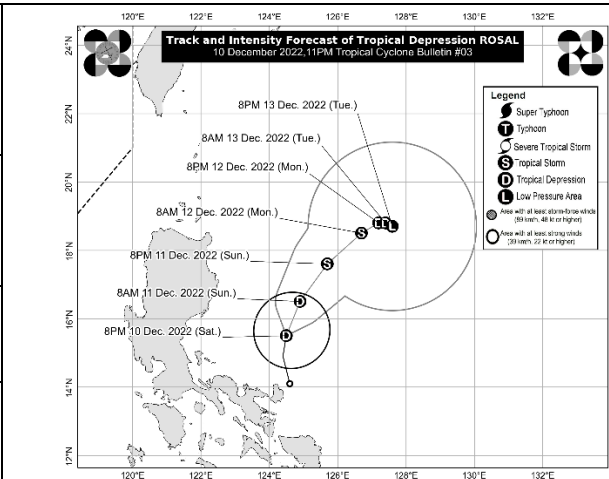
Maximum sustained winds of **45 km/h** near the center, gustiness of up to **55 km/h**, and central pressure of **1002 hPa**

Present Movement:

Northward at 10 km/h

Extent of Tropical Cyclone Winds:

Strong winds extend outwards up to **150 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 11 December 2022	16.5	124.9	295 km East of Casiguran, Aurora	55	TD	NNE 10
24-Hour Forecast 8:00 PM 11 December 2022	17.6	125.7	420 km East of Tuguegarao City, Cagayan	65	TS	NE 10
36-Hour Forecast 8:00 AM 12 December 2022	18.5	126.7	535 km East of Aparri, Cagayan	65	TS	NE 10
48-Hour Forecast 8:00 PM 12 December 2022	18.8	127.2	590 km East of Aparri, Cagayan	55	TD	ENE Slowly
60-Hour Forecast 8:00 PM 13 December 2022	18.8	127.4	610 km East of Aparri, Cagayan	45	TD	Almost Stationary
72-Hour Forecast 8:00 PM 13 December 2022	18.7	127.6	630 km East of Aparri, Cagayan	-	LOW	Almost Stationary

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Tropical Cyclone Wind Signals hoisted at this time.

Prepared by: **JEMB**

Checked by: **RPG**



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HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> • <i>Tonight through tomorrow afternoon:</i> Moderate to heavy with at times intense rains possible over Bicol Region, MIMAROPA, and Quezon. Light to moderate with at times heavy rains likely over Aurora, the rest of CALABARZON, and the northern portion of Western Visayas. • <i>Tomorrow afternoon through evening:</i> Light to moderate with at times heavy rains over Bicol Region. • Under these conditions, flooding and rain-induced landslides are possible, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall. <p>Severe Winds</p> <p>In the next 24 hours, the surge of the Northeast Monsoon partly enhanced by this tropical depression may bring occasional gusts reaching gale-force over Batanes and Babuyan Islands, and strong breeze to near-gale strength over the Ilocos Norte, the northern and eastern portions of Cagayan, the eastern portion of Isabela, Calaguas Islands, and the extreme northern portion of Catanduanes.</p>
HAZARDS AFFECTING COASTAL WATERS
<ul style="list-style-type: none"> • Under the influence of the surge of the Northeast Monsoon, a marine gale warning is in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #23 issued at 5:00 PM today. • In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the tropical cyclone may also bring moderate to rough seas (1.2 to 3.0 m) over the seaboard of Central Luzon and the eastern and western seaboard of Southern Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
TRACK AND INTENSITY OUTLOOK
<ul style="list-style-type: none"> • Tropical Depression “ROSAL” is forecast to move northward in the near-term before turning northeastward or east northeastward for the remainder of the forecast period. • “ROSAL” is forecast to intensify while moving over the Philippine Sea and may reach tropical storm in the next 24 hours. However, due to the interaction with the Northeast Monsoon, the tropical cyclone may weaken into tropical depression on Monday and become a remnant low on Tuesday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM tomorrow.

DOST-PAGASA

Prepared by: 
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Checked by: 
RPG